

INTERNATIONAL JOURNAL OF OPHTHALMOLOGY

Monthly, Established in March, 2008

Volume 19, Number 1, Jan. 18, 2026

CONTENTS

• Basic Research •

- Tear proteomics reveals biomarkers for visual field progression in normal-tension glaucoma** 1
Le-Wei Tang, Hui-Yan Mao, Mei-Min Lin, Si Zhu, Qiang-Jie Huang, De-Fu Chen, Wei-He Zhou, Yuan-Bo Liang
- Integrating multiple key molecules in uveal melanoma to uncover metastatic and immune microenvironment-related gene signatures**..... 11
Yi-Ming Guo, Zhan-Pei Bai, Jia-Qi Wang, Juan Huang, Jun-Han Wei, Yi-Jin Han, Yang Liu, Lu Ye
- Pathophysiology of sildenafil-induced ocular toxicity in rats and treatment**..... 25
Ibrahim Cicek, Busra Caliskan, Bulent Yavuzer, Durdu Altuner, Tugba Bal Tastan, Taha Abdulkadir Coban, Ezgi Karatas, Halis Suleyman
- Genetic analysis of Han-Chinese patients with isolated congenital ptosis**..... 34
Qian-Ling Zhang, La-Mei Yuan, Xin-Yue Deng, Wen Zheng, Jun-Hui Yi, Hong-Bo Xu, Hao Deng

• Clinical Research •

- Comparison of tear film quantity parameters between keratoconus and normal eyes** 42
Foroozan Narooie-Noori, Masoud Khorrami-Nejad, Nabaa Ayad, Hesam Hashemian
- A novel decellularized conjunctival stroma biomaterial for conjunctival reconstruction following pterygium surgery** 48
Shang Li, Jing-Yi Wang, Shi-Jing Deng, Xiao-Dan Hu, Fei Luo, Ying Jie
- Management of coexisting cataract and diabetic macular edema: a comparative study of dexamethasone implant versus anti-VEGF agents injections** 56
Aditya Kelkar, Jai Kelkar, Subhasree Dutta, Mounika Bolisetty, Harsh Jain, Nikhil Labhsetwar
- Visual field prediction using K-means clustering in patients with primary open angle glaucoma** 63
Junyoung Lee, Jihun Kim, Hwayoung Kim, Sangwoo Moon, EunAh Kim, Sanghun Jeong, Hojin Yang, Jiwoong Lee
- Etiology and clinical analysis of secondary glaucoma: a single-center study from northwest China**..... 69
Ying Liu, Jie Yang, Rui-Xue Zhang, Yao Lu, Wei Sang, Jin-Wei Xi, Jun Jia, Dan-Ping Guo, Yuan He
- Ranibizumab on optic disc perfusion in central retinal vein occlusion** 77
Xuan Li, Xiao-Feng Hao, Li-Ke Xie, Jin-Hua Luo, Meng-Jiao Zhang
- Short-term silicone oil tamponade on retinal structure and function in rhegmatogenous retinal detachment: a randomized controlled trial**..... 83
Zi-Ye Chen, Yu-Qing Wu, Bao-Yi Liu, Yuan Ma, Zhuang-Ling Lin, Run-Ping Duan, Lan Jiang, Chinling Tsai, Zhuo-Jun Xu, Tao Li
- Total score of the computer vision syndrome questionnaire predicts refractive errors and binocular vision anomalies** 90
Mosaad Alhassan, Tasneem Samman, Hatoun Badukhen, Muhamad Alrashed, Balsam Alabdulkader, Essam Almutleb, Tahani Alqahtani, Ali Almustanyir
- Contiguous orbital inflammation from paranasal sinus abnormalities in etiology of thyroid-associated ophthalmopathy** 97
Xin-Xin Hao, Yang-Xu Tao, Xiang Xu, Ming-Ming Liu, Yang Li
- Clinical features and prognosis of orbital inflammatory myofibroblastic tumor** 105
Jing Li, Liang-Yuan Xu, Nan Wang, Rui Liu, Shan-Feng Zhao, Ting-Ting Ren, Qi-Han Guo, Bin Zhang, Hong Zhang, Hai-Han Yan, Yu-Fei Zhang, Jian-Min Ma

• Investigation •

- Epidemiological investigative report on ocular morbidity in children in rural Kenya** 115
Marlene E. Long, Lily A. Nyamai, Marina Marinkovic, Nanda Horeweg, Brian W. Fleck, Martine J. Jager
- Functional outcome and patient satisfaction 5y after laser vision correction** 123
Ran Gao, Yu Han, Jie Qin, Yu-Shan Xu, Yu Li, Xiao-Tong Lyu, Feng-Ju Zhang

• Mendelian Randomization •

- Association between asthma and myopia: the NHANES database and Mendelian randomization analysis** 132
Ya-Jing Zheng, Ji-Fa Kuang, Fei-Lan Chen, Wen-Bin Huang

Lifestyle behaviors, serum metabolites and high myopia: Mendelian randomization and mediation analysis	140
<i>Nian-En Liu, Xiao-Tong Xu, Xiao-Bing Yu</i>	
• Bibliometric Research •	
A bibliometric analysis of publication trends in strabismus over the past 30y.....	149
<i>Yi-Han Zhang, Ying Guo, Shu-Jie Zhang, Chen Zhao</i>	
• Review Article •	
Therapeutic approaches to diabetic macular edema assessed using optical coherence tomography and optical coherence tomography angiography	160
<i>Parisa Alsadat Dadkhah, Hamed Taheri, Masoud Noroozi, Asma Rasouli, Zahra Sheikh, Saba Imanparvar, Saeed Zivari Lashkajani, Nahid Samadi, Javad Nadem, Behzadmehr Amirian, Goharsharieh Alishiri, Ata Akhtari Kohneshahri, Arshia Shafiei, Amirreza Heydarlou, Reza Khademi, Anahita Rahmati, Niloofar Deravi</i>	
Subretinal fluid in rhegmatogenous retinal detachment: potential biomarkers and therapeutic targets for proliferative vitreoretinopathy	175
<i>Yi-Shuang Mao, Wei-Hong Yu</i>	
• Brief Report •	
Manual Bowman-stroma onlay transplant for the treatment of symptoms post-radial keratotomy: proof of concept and preliminary results	181
<i>Abdo Karim Tourkmani, Jorge L. Alio del Barrio, Hao Zhang, Jorge L. Alio</i>	
Intraocular inflammation after intravitreal injection of faricimab—a case series including one case of bilateral choroidal involvement	185
<i>Roman Lischke, Sarah-Maria Krause, Teresa Rauchegger, Gertrud Haas, Michal Koubek, Yvonne Nowosielski, Matus Rehak</i>	
• Letter to the Editor •	
Acute zonal occult outer retinopathy complex and angiod streaks: a case report	193
<i>Zhen-Yu Liu, Hang Zhang, Xiu-Li Sun, Xiao-Yan Peng</i>	
Flap amputation for severe epithelial ingrowth post-LASIK: a case report.....	197
<i>Mohamed Hosny, Wessam Salem</i>	
Tocilizumab as an effective treatment option for idiopathic orbital inflammation: a case report and literature review	199
<i>Hai-Yang Zhang, Hui-Jie Zhang, Hui-Fang Zhou</i>	
Instructions for Authors	202
Reviewer Acknowledgements.....	205

International Journal of Ophthalmology
Monthly, Established in March, 2008

Administrator

Department of Health, Provincial Government of Shaanxi, China

Sponsor

Chinese Medical Association Xi'an Branch
International Journal of Ophthalmology Press

Editing

Editorial Board of International Journal of Ophthalmology
No.8 Yanta North Road, Xi'an 710054, China
Tel: (+8629)82210956 Fax: (+8629)82245172
Email: ijopress@163.com ijo2000@126.com

Publishing

International Journal of Ophthalmology Press (IJO Press)
No.8 Yanta North Road, Xi'an 710054, China
Tel: (+8629)85569828 Fax: (+8629)82245172
Email: ijopress@163.com ijo.2000@163.com

Copyright ©2026 by IJO Press

IJO has been indexed in SCIE, PubMed, PMC, CA, Scopus, Embase, and DOAJ.

General Scientific Advisors

Bruce E. Spivey; Hugh R. Taylor;
Dai-Ming Fan

Honorary Editors-in-Chief

George C.Y. Chiou; Lezheng Wu;
Li-Xin Xie; Xiao-Xin Li

President and Chief Editor

Xiu-Wen Hu

Editors-in-Chief

Yan-Nian Hui; Peter Wiedemann

Associate Editors

Ning-Li Wang; Ke Yao; Xing-Huai Sun; Xian-Qun Fan;
Yi-Zhi Liu; Hao-Tian Lin; Yu-Sheng Wang;
Joel S. Schuman; William E. Smiddy
ISSN 2222-3959 (Print)
ISSN 2227-4898 (Online)